

**General Learning Objectives for RSS activities**

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Case Conference

- Correlate the clinical presentation with pathologic, laboratory, and radiologic information and the pathophysiology of disorders presented
- Discuss the evaluation and management of patients with difficult diagnostic and therapeutic problems
- Discuss the scientific mechanisms of disease and the newest therapeutic options presented
- Apply a logical and systematic approach to patient evaluation and management
- Demonstrate knowledge of the pathophysiology of the disease state under discussion
- Identify key findings of the patient's presentation that assist in diagnosis of the condition under discussion

Grand Rounds

- Identify research-based approaches to surgery that have not yet become standard practice
- Distinguish tools and techniques involved in performing specialized surgical procedures
- Discuss a wide range of clinical and non-clinical issues that impact surgical practice
- Identify the indications and contradictions for new modalities in the diagnosis and treatment of conditions presented at each session
- Formulate the differential diagnosis of the conditions presented at each session
- Describe new management and prevention strategies used for selected medical problems and types of patients
- Discuss new developments and/or techniques being used in current scientific research
- Identify and discuss complex disorders and their underlying mechanisms of disease
- Discuss the standard as well as the newest therapeutic options for the disorders presented
- Discuss the latest scientific findings and how this will impact patient care in the future
- Discuss the major competing viewpoints in current medicine controversies
- Discuss patient cases which will present potential to reexamine modes of practice
- Explain the use of new therapies and techniques in medicine and surgery
- Outline research-based approaches that have not yet become standard in practice
- Identify best practice and alternate clinical systems of care that can be applied to improve patient outcomes
- Use information to improve communication to patients and providers to enhance patient care
- Evaluate the system-based processes of the delivery of medical care
- Clarify legal and ethical practices of the medical profession to insure the maintenance of the highest professional standards in the care of patients

Journal Club

- Demonstrate an understanding of study design and statistical methods
- Critically appraise journal articles and clinical studies for diagnostic and therapeutic effectiveness
- Discuss new management and prevention strategies
- Demonstrate understanding of current trends in research that may be translated into improving patient care within the clinical practice
- Summarize evidence-based practices and integrate into clinical care
- Critically review the article's experimental design
- Describe how the information presented might relate to the practice of medicine and how to effectively utilize the information

M&M

- Formulate a broad differential diagnosis based on patient information, radiographic, electrographic, and other test results
- Analyze treatment plans and compare these with national trends and databases and practice guidelines
- Manage complications including cause and prevention in future cases
- List appropriate diagnosis, treatment and procedural techniques that might have avoided the discussed complication
- Identify gaps in physician knowledge or hospital resources that may have contributed to the morbidity or mortality of the patient
- Formulate a follow up plan to affect changes in physician behaviors, systems, or processes
- Indicate alternative approaches to patient management and care using evidence-based protocols
- List alternative courses of action when performing specific surgical procedures to help avoid patient morbidity and mortality

Tumor Board

- Define the current Tumor (T), Node (N), and Metastasis (M) staging of a specific oncological malignancy
- Analyze oncological decision making processes and judgment to identify approaches to patient management and care
- Identify alternative courses of action and new knowledge presented to improve specific patient outcomes and quality of life
- Discuss the evaluation and care of neoplasms and compare this with standard practices
- Evaluate new technology in oncological care and recommend adoption of best practices
- Relate findings to other healthcare professionals to improve specialty oncological patient care

- Exemplify improvement of practice patterns and patient care based on cases and topics presented and discussed.
- Identify the proper use of radiology modalities used in the diagnoses and therapy of cancer
- List treatment options and their risks and benefits
- Correlate and integrate the clinical oncologic diagnosis with the pathologic, radiologic, and surgical findings of the cases presented
- Describe the treatment options for specific presented neoplasms in agreement with current guidelines and identify those that would best serve the individual patient being discussed
- Identify the psychosocial aspects of cancer care, and how those aspects affect the individual treatment of the patient being presented
- Apply the best practices of cancer care set by the American College of Surgeons, American Cancer Society, the American College of Clinical Oncology, the Centers for Disease Control and Prevention, and other recognized standard setters in oncology